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Garbage collection in message passing distributed s

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Abstract:
Distributed systems use optimistic message logging for **recovery** from transi failures. Such a **recovery** is facilitated by asynchronous message logging and pointing. It is also supported by **garbage collection** which requires identifyir in stable storage that are no longer needed for the process of **recovery**. For t purpose, it is necessary to keep track of message dependencies between proc A model to keep track of state dependencies using dependency graphs has be proposed

Index Terms:
asynchronous message logging check-pointing dependency graphs fault tolerant cor **garbage collection** message dependencies message passing message passing dis systems optimistic message logging process states reliability software fault toleranc storage storage management system **recovery** transient process failures asynchro message logging check-pointing dependency graphs fault tolerant computing **garb collection** message dependencies message passing message passing distributed s optimistic message logging process states reliability software fault tolerance stable storage management system **recovery** transient process failures

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